

**Fig. 1**

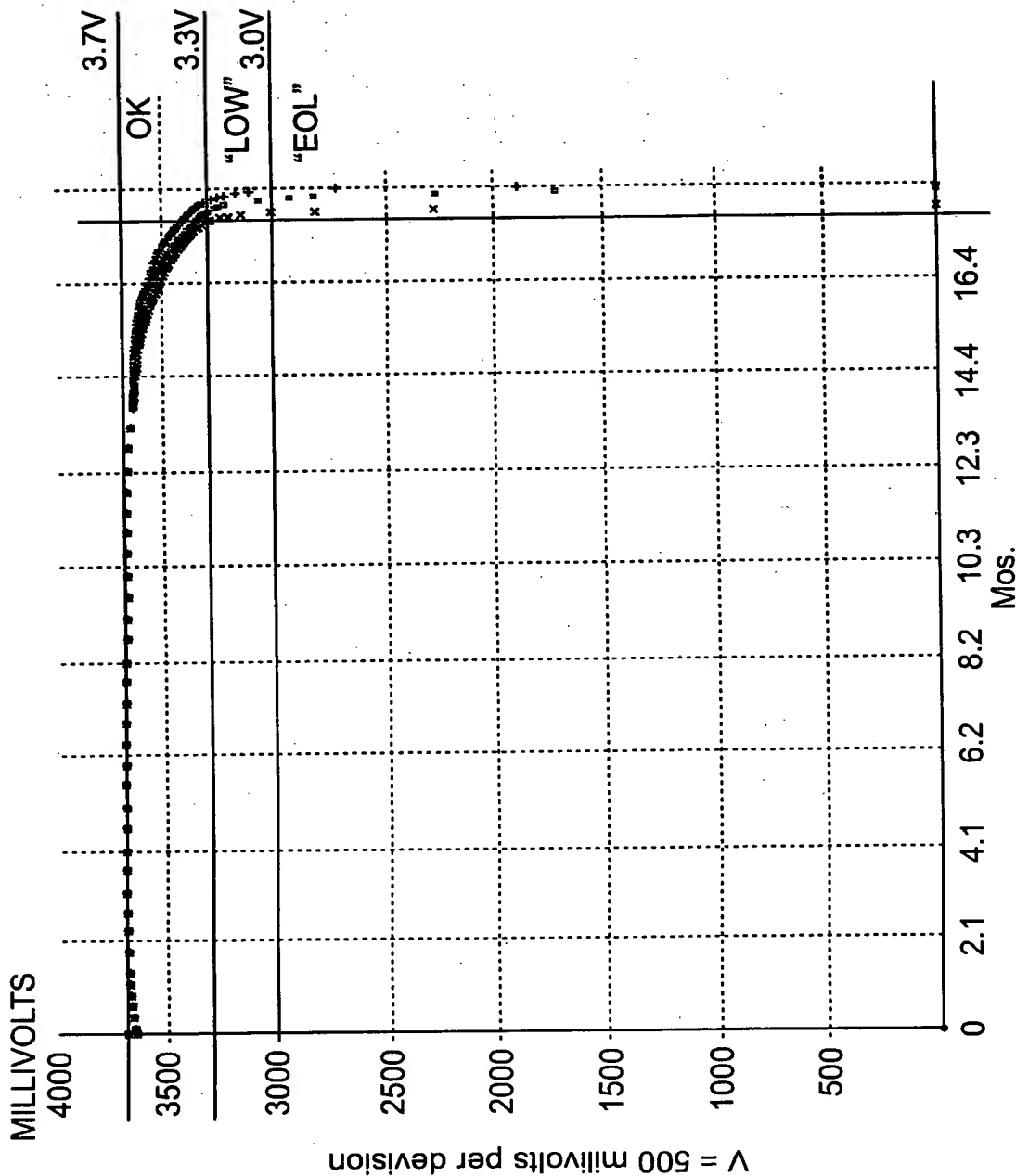
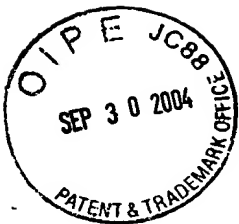
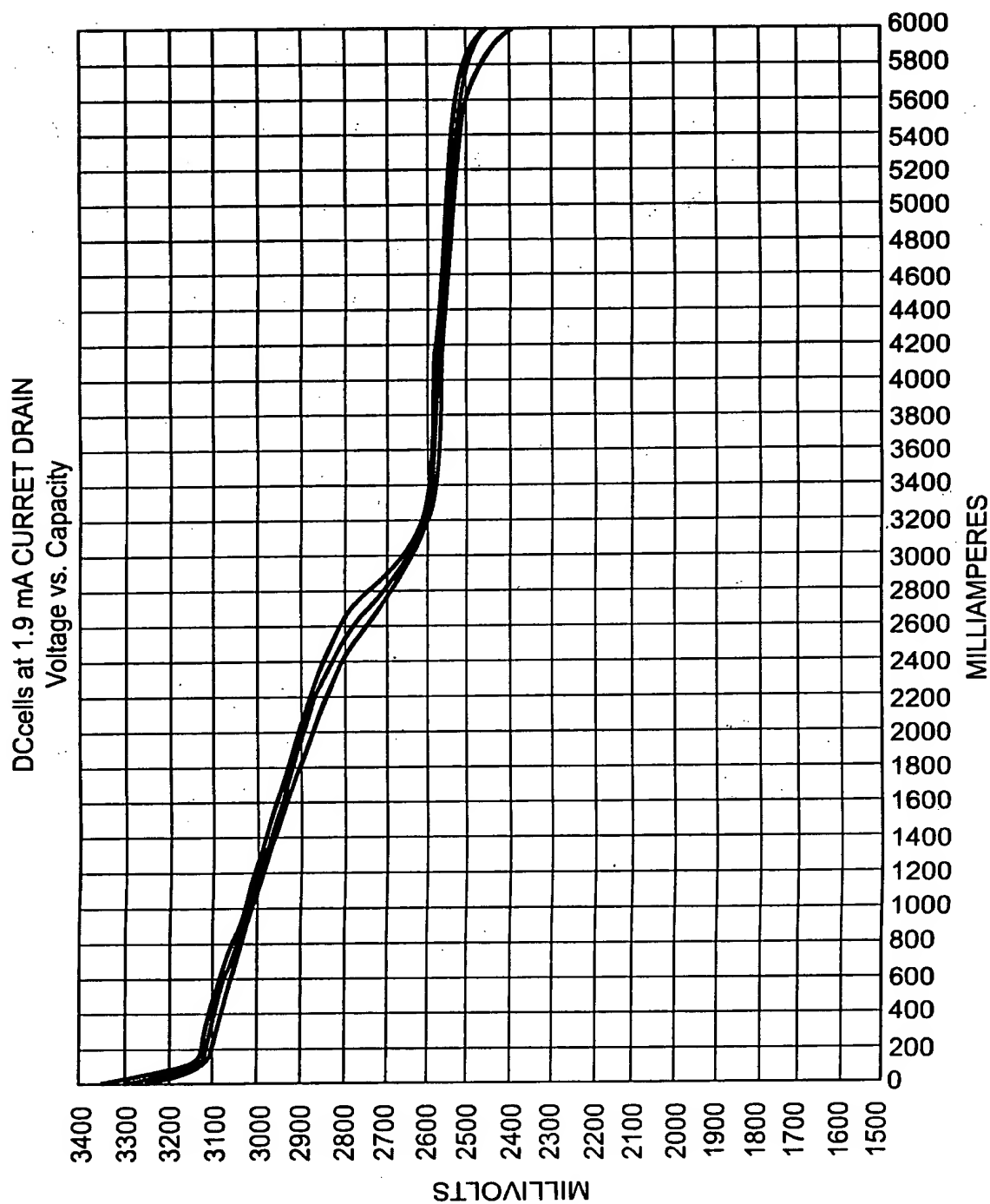
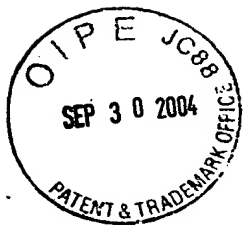
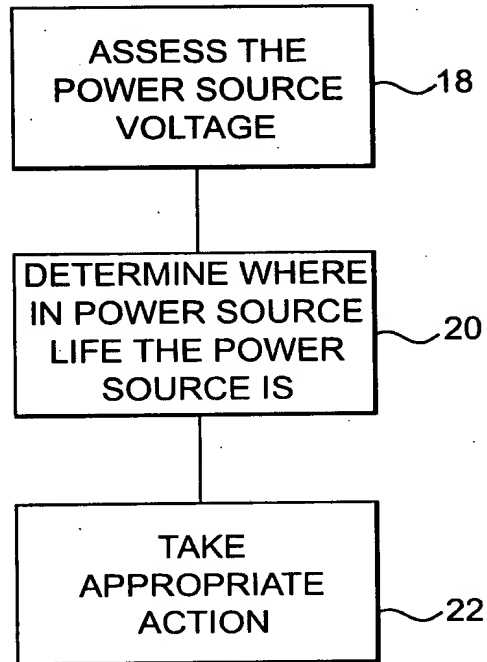


Fig. 2

**Fig. 3**



**Fig. 4**



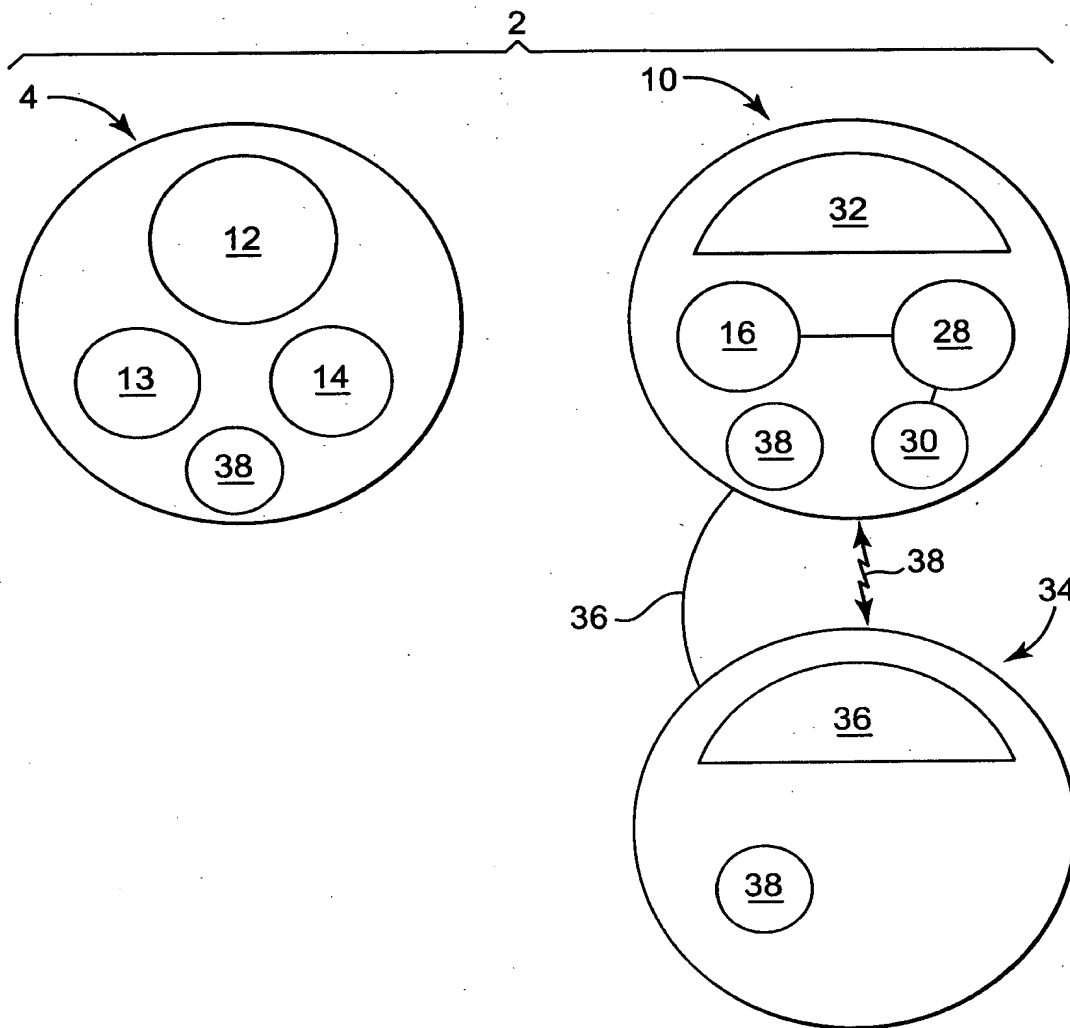
Battery Capacity			
Remaining Look-up Table			
voltage REMAINING			
(%)			
4.00	100		
3.90	100		
3.80	100		
3.71	100		
3.63	100		
3.55	100		
3.47	100		
3.39	100		
3.32	100		
3.25	100		
3.18	100		
3.12	100		
3.06	100		
3.00	100		
2.94	100		
2.89	100		
2.84	70		
2.79	67.5		
2.74	62.5		
2.69	57.5		
2.64	47.5		
2.60	37.5		
2.56	35		
2.52	32.5		
2.48	30		
2.44	20		
2.40	15		
2.36	12.5		
2.33	10		
2.29	10		
2.26	8.5		
2.23	6.5		
2.20	6		
2.17	5.5		
2.14	5		
2.11	4		
2.08	3.5		
2.05	3		
2.03	2.5		
2.00	2		
1.97	1.5		
1.95	1		
<1.90	0.5		

**Fig. 5**

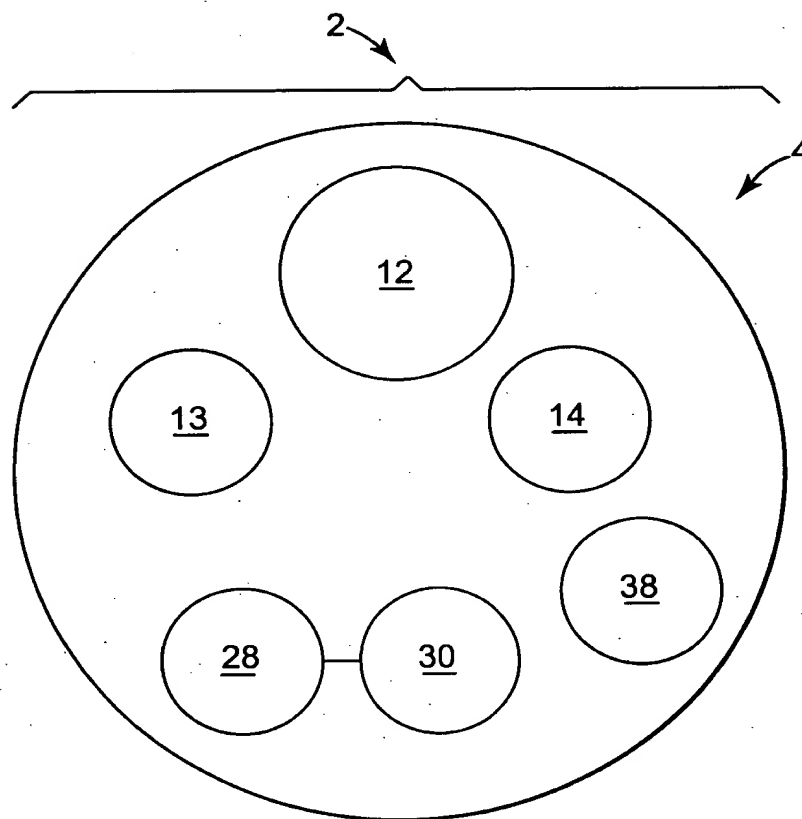
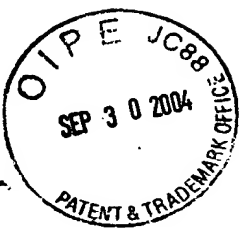


Battery Capacity		
Used Look-up Table		
voltage	USED	
	(%)	
4.00	0	
3.90	0	
3.80	0	
3.71	0	
3.63	0	
3.55	0	
3.47	0	
3.39	0	
3.32	0	
3.25	0	
3.18	0	
3.12	0	
3.06	0	
3.00	0	
2.94	0	
2.89	0	
2.84	30	
2.79	32.5	
2.74	37.5	
2.69	42.5	
2.64	52.5	
2.60	62.5	
2.56	65	
2.52	67.5	
2.48	70	
2.44	80	
2.40	85	
2.36	87.5	
2.33	90	
2.29	90	
2.26	91.5	
2.23	93.5	
2.20	94	
2.17	94.5	
2.14	95	
2.11	96	
2.08	96.5	
2.05	97	
2.03	97.5	
2.00	98	
1.97	98.5	
1.95	99	
<1.90	99.5	

Fig. 6



**Fig. 7**



**Fig. 8**